BAROLO™ Owner's Manual

READ AND SAVE THESE INSTRUCTIONS!

Safety and the proper operation of your Casablanca fan both require a thorough knowledge of the product and proper installation; therefore, before attempting to install and operate your Casablanca fan, read this owner's manual completely and carefully. Retain this manual for future reference.

CAUTION: To avoid possible electrical shock, make certain that electricity is turned off at the circuit breaker or fuse box before attempting any installation procedure.

CONTENTS

INTRODUCTION

Before You Start 2

Safe Use 2

MOUNTING RECOMMENDATIONS

General Guidelines 3

Sloped Ceiling Installations 3

FAN INSTALLATION

Getting Started 4

Crossbar Mounting Bracket Installation 4

Lag Screw Installation (Optional) 5

Canopy Installation 5

Fan Preparation 6

Hanging the Fan 7

Canopy Electrical Connections 7

Canopy Hatch Installation 7

Blade Installation 8

INTELI•TOUCH™ CONTROL INSTALLATION

ADVAN•TOUCH™ CONTROL INSTALLATION

TROUBLESHOOTING TIPS 15

CARE RECOMMENDATIONS 16

AUTHORIZED SERVICE CENTERS 17

PRODUCT SPECIFICATIONS 19

INTRODUCTION

BEFORE YOU START

- CAUTION: RISK OF ELECTRICAL SHOCK! All wiring must be performed in accordance with national and local electrical codes. If you are unfamiliar with the wiring codes, you should use a qualified electrician. To avoid overheating and possible damage to other equipment, do not install control to a receptacle, fluorescent light fixture, motor operated appliance, or transformer-supplied appliance.
- This fan is designed to be installed on an existing electrical outlet box. The outlet box must be UL Listed for ceiling fan installations. If it is not, a new box must be installed. Casablanca extension poles are available for sloped or high ceiling installations.
- This ceiling fan requires a grounded electrical supply of 120 VAC, 60 Hz and a minimum 15 amp circuit. The maximum current requirement for the fan with light fixture is 3.8 amps. The fan uses about 1 amp or 100 watts. Maximum light current is about 2.8 amps or 340 watts of lighting.
- Where wire nuts are employed, be sure all bare wires are within the connectors. When installing the canopy hatch, make sure all wires are within the canopy and that no wires are being pinched.

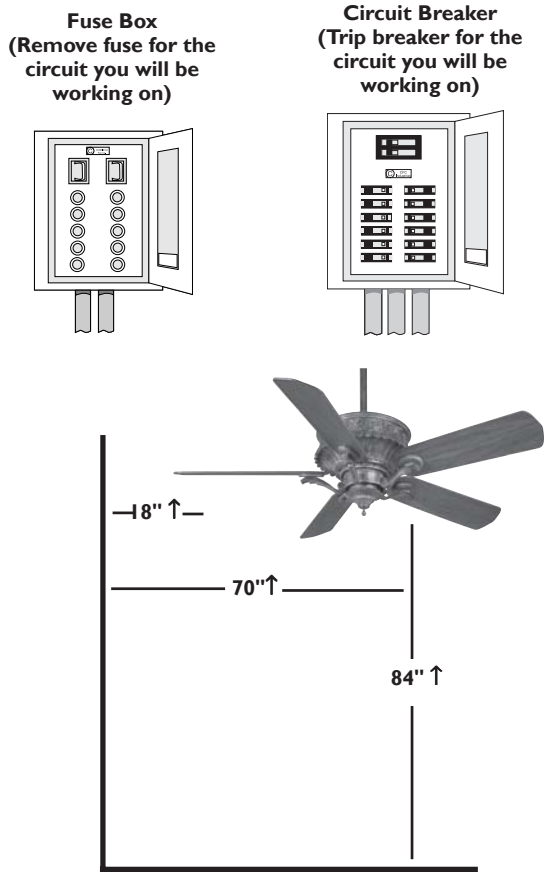
Unpacking

Before assembling and installing your ceiling fan, remove all parts from the shipping cartons and check them against the parts listed in the Parts Guide. Before discarding packaging materials, be certain that all parts have been removed.

For best performance and for your warranty to be valid,
use only genuine Casablanca blades, light fixtures, and accessories.

SAFE USE

- The blades in each pack are matched for equal weight to assure smooth fan operation. If more than one fan is being installed, be careful not to mix blades from different cartons.
- Inspect the contents of your carton for possible shipping or handling damage. If parts are missing or damaged, call 1-888-227-2178.
- It is always a good idea to have an assistant to help with the installation.
- When cleaning, painting, or working near your fan, be very careful of the fan and blades. Always turn the power OFF to the ceiling fan before working on it or replacing lightbulbs.
- Never insert anything into the path of the fan blades while the fan is in operation.
- Never install a fan over a pool or spa.
- Never operate a fan that has been damaged in any way. Contact Casablanca Fan Company by calling 1-888-227-2178, or contact your local authorized Casablanca dealer for assistance in obtaining service.



MOUNTING RECOMMENDATIONS

GENERAL GUIDELINES

Before mounting your Casablanca fan, read the following helpful recommendations. The location of the fan, air circulation, and fan size are all important factors to consider before installation.

Location

Ceiling fans have practical uses in almost every room in your home. We suggest you follow these mounting recommendations as you decide where to install your Casablanca fan.

- For safety reasons, the fan blades must be a minimum of 7' above the floor.
- Do not locate the fan in a doorway or above a swinging door.
- In bedrooms, fans work best when mounted above the foot of the bed.
- Over pool tables, be sure to provide plenty of clearance to avoid damage from pool cues.
- In kitchens be sure to allow for open cupboard doors to clear the fan blades.
- Do not install a fan close to or over a pool or spa. High humidity combined with corrosive gases will destroy the finish and warp the blades.

Fan Size

Variable fan speed capability permits the use of a full-size 52" fan even in smaller rooms. For very large rooms, two fans may be needed.

SLOPED CEILING INSTALLATIONS

SUGGESTED EXTENSION POLE LENGTHS

Ceiling Height	Pole Length
8' 0"	standard
8' 6"	standard
9' 0"	6"
9' 6"	12"
10' 0"	12"
11' 0"	18"
12' 0"	24"
13' 0"	36"
14' 0"	48"

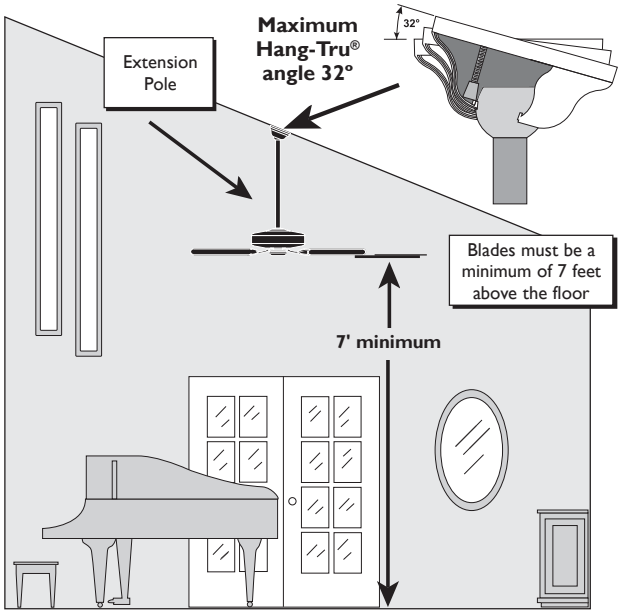
When to Use Extension Poles

For optimum performance and appearance, an extension pole should be used with your Casablanca fan when installing on high (cathedral) ceilings or sloped ceilings. Casablanca offers standard poles in increments of 6" up to 5'. Custom poles are available in lengths up to 9'9". See your Authorized Casablanca Dealer for details.

NOTE: Fan may wobble or vibrate if pole length is not long enough and inside blade is too close to downslope or side wall. Extending pole length will usually solve problem.

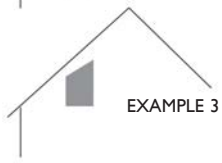
Calculation of Ceiling Angle

Use the tear-off *Ceiling Angle Template* card inserted in this manual. It provides you with a simple "go" or "no-go" for installing your fan on a sloped ceiling.



This slope is less than 32°.
It is OK to install your fan.

This slope is 32°. This is the maximum slope that will allow the fan to hang straight down. It is OK to install your fan.



This slope is more than 32°. Your fan will not hang straight down, an adaptor is necessary. Contact your local Authorized Casablanca Dealer in regards to purchasing a "Sloped Ceiling Adaptor."

FAN INSTALLATION

GETTING STARTED

Installing a New Ceiling Fixture Outlet Box

If you do not have an existing fixture located where you wish to place your Casablanca fan, an approved ceiling fixture outlet box must be installed and wired.

WARNING!

To reduce the risk of fire, electrical shock, or personal injury, mount to outlet box marked "Acceptable for Ceiling Fan Support" using the mounting hardware provided with the outlet box.

Using Existing Ceiling Fixture Outlet Box

After turning the power OFF at its source (either the circuit breaker or fuse box), lower the old fixture and disconnect the wiring. Check the ceiling fixture outlet box to be sure it is marked "Approved for Ceiling Fan Mounting." If it is not, a new box must be installed.

Note: The weight of this fan is 37 pounds.

CROSSBAR MOUNTING BRACKET INSTALLATION

CEILING HARDWARE (not to scale)

Crossbar Mounting Bracket

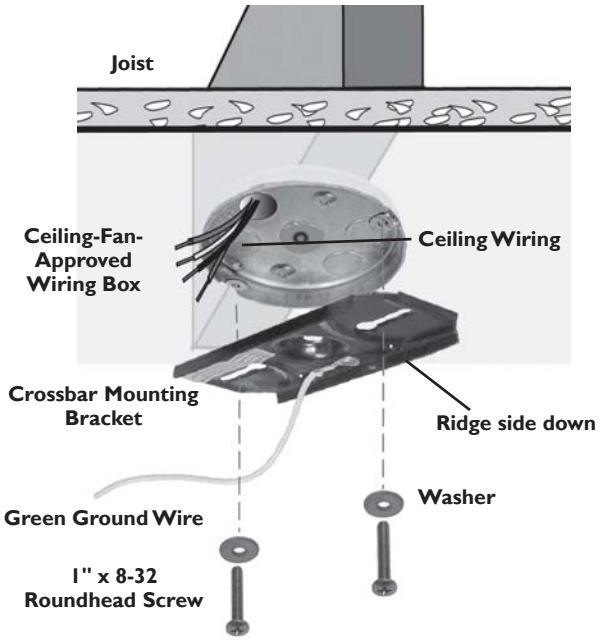
Screw Pack A:
Lag Screw and Washer (1)
1" x 8-32 Roundhead Screw and Washer (2)

Wire Nut (4)

Note: After removing the old fixture, check the outlet box to insure that it is supported by a joist or beam across its upper surface. If not, a 2 x4 stud must be installed.

Step 1a. Remove the knockout plug in the center of the outlet box or drill a 1/2-inch hole for the lag screw to pass through. Then drill a 1/4-inch guide hole into the joist or beam to a depth of 3 inches.

Step 1b. Route the outlet box wires through the keyhole slot of the crossbar mounting bracket as shown. Attach the crossbar mounting bracket to the outlet box with the provided screws, making sure the outlet box wires are not pinched by the washer.



CAUTION:

To reduce the risk of personal injury, use only the mounting hardware provided with the approved outlet box to install the crossbar mounting bracket.

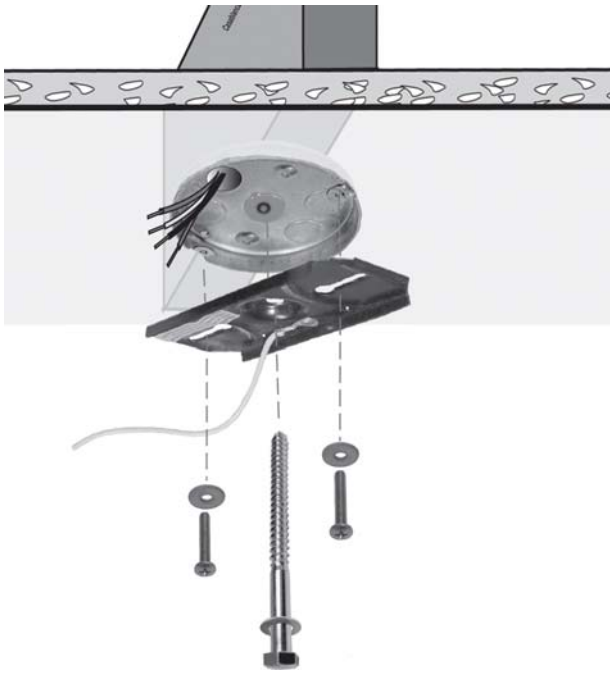
WARNING!

Support directly to building structure only.

LAG SCREW INSTALLATION

NOTE: This step is required only under two conditions: If the fan weighs 36 lbs. or more or if the existing ceiling fixture outlet box needs to be modified for a ceiling fan application (for example, if the house is not new construction and you are replacing an existing light fixture). We recommend that the ceiling box be of sufficient capacity to support the weight of the fan and light fixture under any conditions. If in doubt whether you need to install the lag screw, consult a qualified electrician.

Step 2. With the large washer attached, pass the lag screw (Pack A) through the center hole of the crossbar mounting bracket and screw into the guidehole. Tighten until the outlet box is mounted firmly to the beam. This box must be secured to the ceiling firmly.



CANOPY INSTALLATION

CANOPY HARDWARE (not to scale)

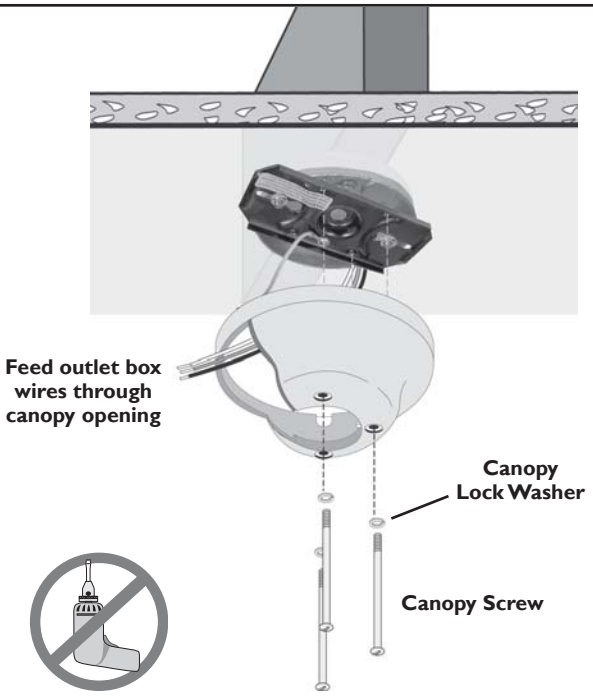
Canopy Hatch

Canopy

Screw Pack B: Canopy Screws and Lock Washers (4)

Step 3. Attach the canopy to the crossbar mounting bracket with three of the 8-32 x 2½" long canopy screws (Screw Pack B) and lock washers provided with your Casablanca fan. Tighten using the provided screwdriver until snug against the ceiling.

NOTE: On sloped ceilings, align the canopy opening with the top or peak of the room.



FAN PREPARATION

PERMA•LOCK™ HARDWARE (not to scale)

Allen Wrench

Perma•Lock™ Downrod and Ball Assembly

IMPORTANT SAFETY INFORMATION:

Before starting the installation of your ceiling fan, install the threaded downrod into the motor coupling and lock the assembly.

Prepare for fan installation as follows:

Step 4a. Remove the paper shield from the motor.

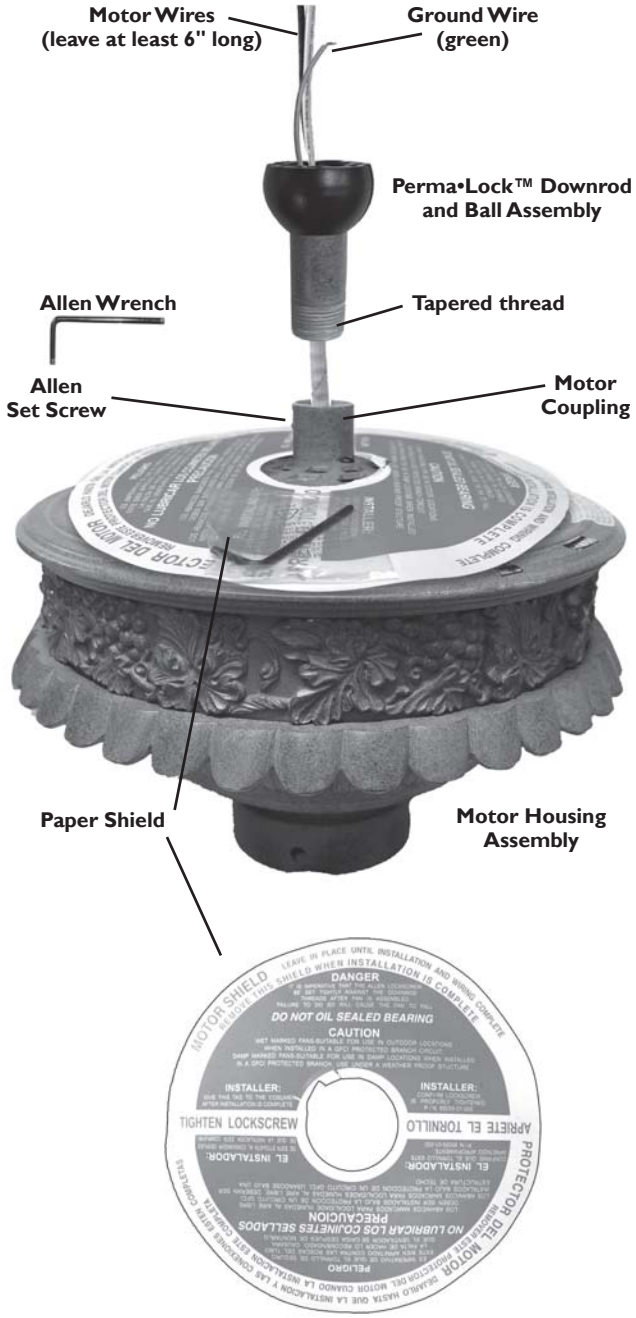
Step 4b. Using the provided allen wrench (attached to the paper motor warning shield), loosen the allen set screw attached to the motor coupling.

Step 4c. Route the wires through the Perma•Lock™ downrod and ball assembly. Insert the downrod into the motor coupling and turn it clockwise until it stops turning, ensuring that the pole has bottomed out.

TIP: The downrod has a tapered thread that is designed to lock completely when installed correctly.

Step 4d. Tighten the set screw with the allen wrench to ensure safe operation of your fan. If it is tight enough, you should not be able to turn the downrod counterclockwise with your hands. If in doubt, tighten the set screw with the allen wrench until you cannot turn it any further.

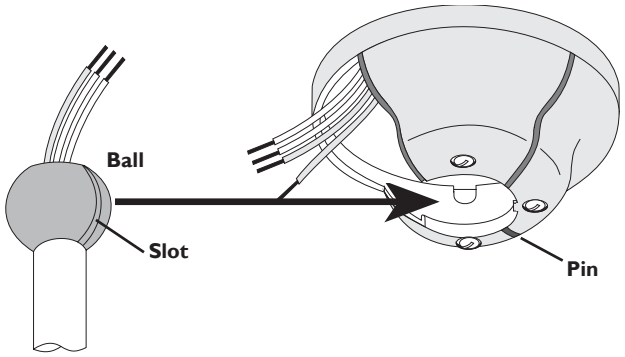
CAUTION: Failure to fully lock in the downrod before securely tightening the Allen set screw may cause the fan to separate from the downrod and fall during normal operation.



HANGING THE FAN

Step 5a. To hang the fan body in the canopy, hold the fan body firmly and insert the ball into the canopy opening. Check that no wires are pinched. Rotate the fan body until the slot in the ball fits into the pin opposite the canopy opening.

Step 5b. Trim excess motor wires, leaving at least 6 inches above the downrod. Strip 1/2-inch insulation from the end of each wire using a wire stripper (available at your local hardware store).

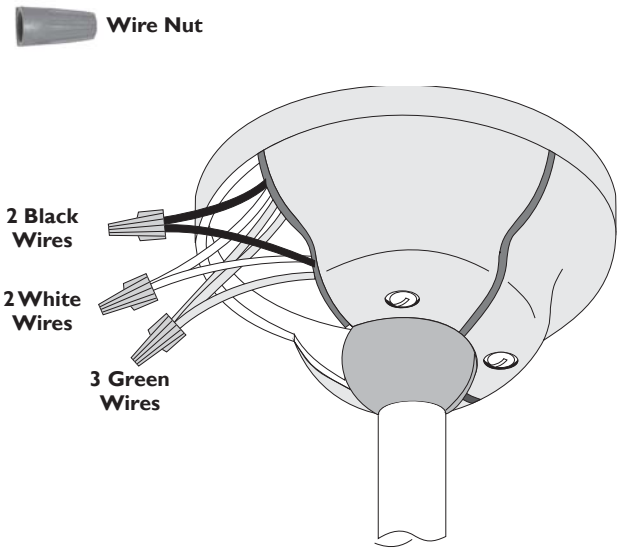


CANOPY ELECTRICAL CONNECTIONS

Step 6. Attach the fan wires to the ceiling fixture outlet box wiring by placing the bare ends of the wires side by side and then securing with a wire nut. Test that the connection is secure by pulling on the wire nut. Connect in this order:

- **GREEN** leads from mounting plate and downrod assembly of fan to **GROUND** conductor of power source. Secure with wire nut.
- **WHITE** wire from fan to white **NEUTRAL** wire in ceiling fixture outlet box. Secure with wire nut.
- **BLACK** power wire from fan to black **POWER** wire in ceiling outlet box. Secure with wire nut

NOTE: If the color of your ceiling wires differs from that described, consult an electrician.



CANOPY HATCH INSTALLATION

Step 7a. Tuck the wires into the canopy with the wire nuts pointed upwards, so that the WHITE and BLACK wires are on opposite sides of the canopy and all wires are clear of the canopy opening.

Step 7b. Install the canopy hatch with the last canopy screw and lock washer using the provided screwdriver. To do this, tilt the fan body away from the hatch opening. Tighten the screws firmly.

Step 7c. Straighten the fan, then check to ensure there is no movement between the canopy and the ceiling or the Perma•Lock™ downrod and the ball assembly.

BLADE INSTALLATION

BLADE HARDWARE (not to scale)

Blades (5)

Blade Irons (5)

Pack C: Blade Screws and Washers (21)

Pack D: Blade Iron Screws (11)

Pack E: Switch Housing Cap Screws (2)

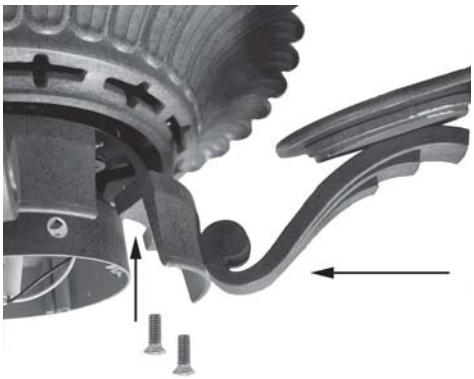
Attach Blade Irons

Step 8. Using Screw Pack C and the provided screwdriver, attach the blades to the blade holders by aligning the screwholes of the blade iron with the holes in the blade. Attach the blade iron using the four blade screws provided for each blade as shown. Tighten securely *by hand only.*

Blade Installation

Step 9. Using Screw Pack D and the provided screwdriver, attach the blade assembly to the motor as shown. Tighten screws *by hand only*.

TIP: For balancing purposes, loosely install all five blades to the motor before tightening the blade screws securely.



CAUTION:

Blade screws must be tightened securely before operating the fan.

Attach Switch Housing Cap

Step 10. Using Screw Pack E and the provided screwdriver, attach the switch housing cap to the bottom of the fan as shown. Tighten securely *by hand only.*

INTELI•TOUCH™ CONTROL INSTALLATION

INSTALLING THE W-32 WALL CONTROL

The wall control installs in the same manner as an ordinary light switch, using an existing wall box and wiring. This controller is designed to signal the fan microcomputer as well as perform normal switching operations. For this reason the following precautions must be observed:

1. Use **only** the Casablanca W-32 wall control.
2. Do not use any additional control with your Inteli-Touch fan (for example, dimmer, fan speed control, etc.).
3. Do not use more than **one fan per wall control**.
4. No other light fixtures or electrical appliances may be connected on the circuit controlled by the W-32 wall control.

INTELI•TOUCH™ SINGLE W-32 INSTALLATION

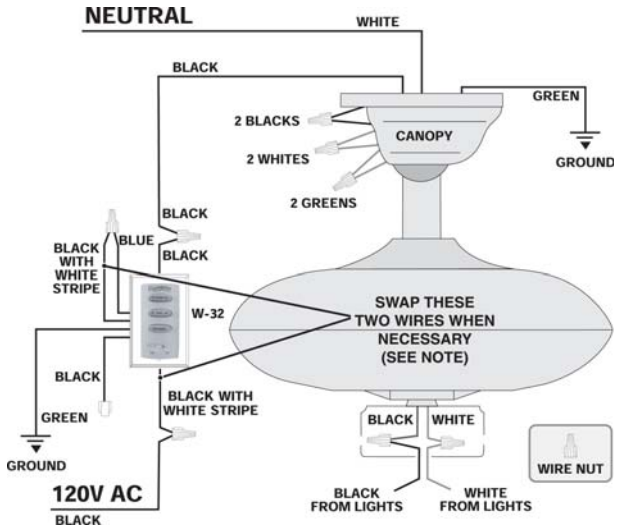
CAUTION!

Ensure power is turned OFF at the breaker or fuse panel before starting installation.

W-32 is used to describe either white (-11) or ivory finish.

1. Remove the screws and switch plate from the existing switch box.
2. Remove the screws holding the switch in the switch box.
3. Pull the existing switch from the switch box to expose the wire connections.
4. Remove the two wires from the switch.
5. Connect the two wires just removed from the switch to the W-32 wall control black wire and black/white stripe wire. Secure these connections with wire nuts.
6. Connect the green ground wire coming from the back of the W-32 control to the ground wire in the switch box. Secure the splice with a wire nut.
7. Install the W-32 in the wall box with the two long screws provided.
8. Install the wall plate with the two color matched screws.

NOTE: If wall control operation is reversed (fan switch controls lights and light switch controls fan) ***turn off the power at the breaker or fuse panel***, then swap the two W-32 black/white stripe wires.



INTELI•TOUCH™ DUAL W-32 INSTALLATION

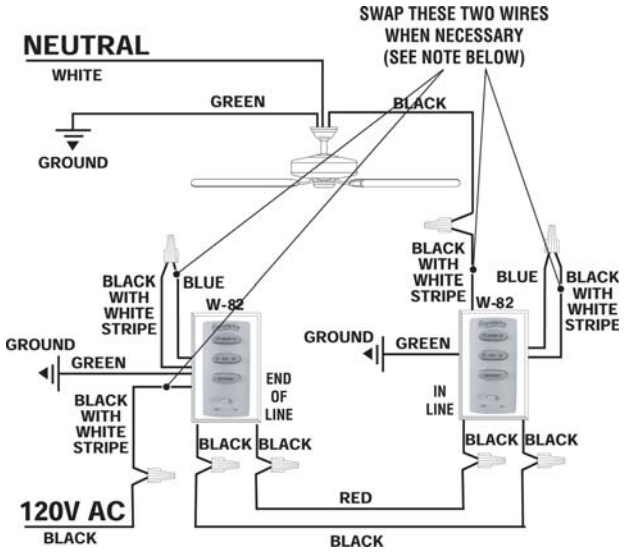
CAUTION!

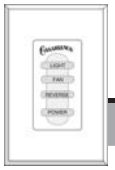
Ensure power is turned OFF at the breaker or fuse panel before starting installation.

To control the fan and lights from two locations (a three-way circuit), use 2 W-32 wall controls.

1. Remove the screws and switch plate from the existing switch box and the screws holding the switch in the switch box.
2. Pull the existing switch from the switch box to expose the wire connections.
3. Determine which wire is connected to the common terminal of the 3-way switch. (The terminal will be marked on switch).
4. Remove the wire from the common terminal of the 3-way switch. Connect this wire to the remaining black/white striped wire on the W-32 control. Secure this splice with a wire nut.
5. Remove the two remaining wires from the 3-way switch. Connect one of these wires to a black wire on the W-32 control. Secure the splice with a wire nut. The remaining wire is to be connected to the other black wire on the W-32. Secure the splice with a wire nut.
6. Connect the green ground wire coming from the back of the W-32 control to the ground wire in the switch box. Secure the splice with a wire nut.
7. Install the W-32 in the wall box with the two long screws provided.
8. Install the wall plate with the two short color-matched screws provided.
9. Installation of the second W-32 control is identical. Repeat steps 1 through 7.

NOTE: If wall control operation is reversed (fan switch controls lights and light switch controls fan) ***turn off the power at the breaker or fuse panel***, then swap the two W-32 black/white stripe wires.



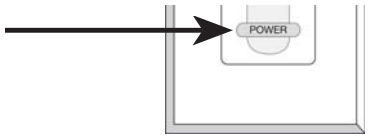


INTELI•TOUCH™

POWER

The **POWER** button is normally left in the on position. Always turn the power off during cleaning or servicing the fan and during thunderstorms. It is also used to exit or enter additional programs.

POWER *must be left on to retain a previously set fan speed or light level.*



SPEED CONTROL

There are six individual speed settings for the fan; each speed is indicated by an audible tone of increasing pitch.

To select the desired fan speed:

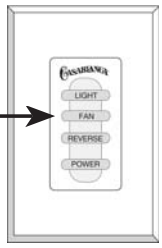
1. With fan off, press and hold the button labeled **FAN**. The fan blades will start rotating at the slowest speed, and will increase in steps.
2. Release the button when the desired speed is reached.

The fan speed is now in memory and will automatically come on at the same speed each time the **FAN** button is used. To maintain this level of speed, turn the fan on by pressing **FAN** less than one second. To lower speed, turn fan off, then on by pressing and holding the **FAN** button until the desired speed is reached. When the fan is on, you may increase the speed by pressing and holding the **FAN** button until the desired speed is reached, then release it.

FAN CONTROL

ON - OFF
A momentary press of the FAN button

TO CHANGE SPEED
Press and hold FAN button longer than one second



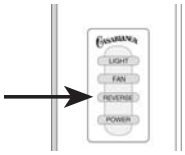
REVERSING AIRFLOW

The direction of airflow can be changed from downward to upward or from upward to downward.

To reverse the airflow:

1. Make sure the **FAN** is on.
2. Press the **REVERSE** button.

Note: A four-toned signal indicates the command was accepted by the fan. A few seconds later the fan will slow to a stop and then reverse direction.



LIGHT

To turn the lights off and on, press and release the **LIGHT** button for less than one second.

To vary the light brightness:

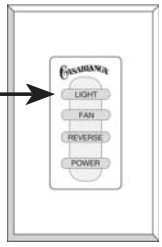
1. With lights off, press and hold the **LIGHT** button. After one second the lights come on at their lowest level and gradually become brighter.
2. Release the **LIGHT** button when the desired brightness level is reached.

The brightness level is now in the fan memory and will automatically come on at the same brightness the next time the **LIGHT** button is used. To maintain this level of brightness, press the **LIGHT** button for less than one second. To lower the brightness, turn the lights off, then press and hold the **LIGHT** button until the desired brightness level is reached. When the light is on, you may increase the brightness level by pressing and holding the **LIGHT** button until the desired level is reached, then release it.

LIGHT CONTROL

ON - OFF
A momentary press of the LIGHT button

TO CHANGE BRIGHTNESS
Press and hold LIGHT button longer than one second



AUTOMATIC DEMONSTRATION PROGRAM

Programmed into every Inteli-Touch Series fan is an Automatic Demonstration Program. It can be used to fully demonstrate and test the operation of the fan.

To enter the demonstration program:

1. Turn **POWER** off for at least three seconds. This will clear the fan memory ready for programming.
2. Turn **POWER** on.
3. Immediately operate the buttons in the following sequence:

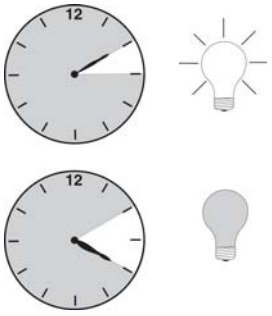
A multi-tone signal will verify the start of the test program which proceeds as follows:

FAN + LIGHT + FAN + LIGHT + FAN

- Lights slowly increase to full intensity.
- Fan accelerates to speed three with audio tones.
- Light dims to half intensity.
- Fan accelerates to full speed with audio tones.
- Fan reverses at full speed with audio tones.
- Fan operates at full speed.
- Fan power is reversed with audio tones.
- Fan turns off with audio tones (blades coast for a short time).
- Lights turn off.

The complete cycle lasts slightly over one minute. It will continue to repeat until the **POWER** is turned off for more than three seconds, cancelling the program.

LIGHT-MINDER PROGRAM



The Light-Minder program automatically turns OFF the fan mounted lights after two hours.

To enter the Light-Minder Program:

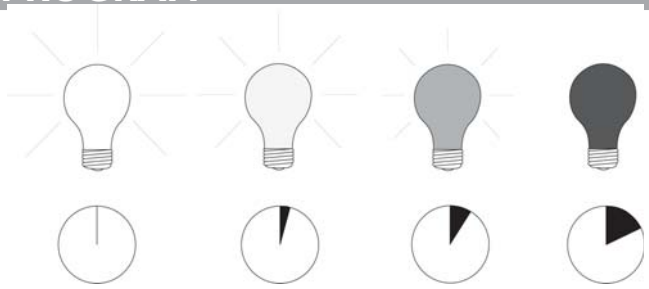
1. Turn the **POWER** OFF for at least three seconds.
2. Turn the **POWER** ON
3. Immediately operate the buttons in the following sequence:

FAN + FAN + LIGHT + LIGHT

4. A series of tones indicates this command has been accepted.

The fan and light will operate normally using the buttons to turn them on and off. But, if the lights are left on, they will automatically shut off after two hours. To cancel the Light-Minder Program, turn the **POWER** off for three seconds.

SAFE-EXIT® PROGRAM



The Safe-Exit Program gives you about thirty seconds of light when you turn the lights off, enabling you to exit your home before the lights go out.

To enter the Safe-Exit Program:

1. Turn the **POWER** off for at least three seconds.
2. Turn the **POWER** on.
3. Immediately operate the buttons in the following sequence:

FAN + FAN + LIGHT + LIGHT

After you hear the confirming audio tones from the fan

- *immediately press* **LIGHT**

4. The lights will blink to indicate this command has been accepted.

The lights will stay on for twenty seconds and then begin to dim. After a total of thirty seconds has elapsed, the lights will be off completely. To cancel the Safe-Exit Program, turn the **POWER** off for three seconds.

Note: Both Light-Minder and Safe-Exit programs can run at the same time, however the dimmer cannot be used, the light may only be turned ON/OFF.

HOME-SAFE® PROGRAM

The Home-Safe Program makes an unoccupied home appear occupied by turning the lights on and off at random times.

To enter the Home-Safe Program:

1. Turn the **POWER** off for at least three seconds.
2. Turn the **POWER** on.
3. Immediately operate the buttons in the following sequence:
4. A tone and flashing light indicate this command has been accepted.

This program overrides all manual control of lights and fan. The lights will now be automatically cycled on and off in a controlled sequence as follows: On 1 hour, off 1/2 hour, on 2 hours, off 1 hour, on 1/2 hour then off 2 hours.

This seven hour pattern will repeat continuously so that a different pattern of lighting is seen each day of the week.

To cancel the Home-Safe Program, turn the **POWER** off for three seconds.

FAN-MINDER™ PROGRAM

The Fan-Minder feature will add to your comfort when used in the bedroom. The program reduces the speed of the fan each two-hour interval to compensate for the cooling night air.

To enter the Fan-Minder Program:

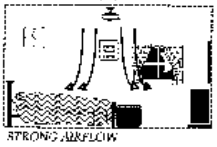
1. Turn the **POWER** off for at least three seconds.
2. Turn the **POWER** on.
3. Immediately operate the buttons in the following sequence:

LIGHT + LIGHT + FAN + FAN

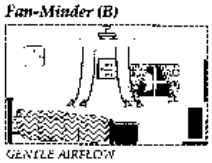
4. The fan controller will respond with three descending tones. A timer is now initiated and the fan will reduce one speed for each two-hour interval. The fan will not, however, descend below the second lowest speed.

To cancel the Fan-Minder Program, turn the **POWER** off for three seconds. You may increase the fan speed by pressing and holding the button until the desired speed is reached, then release it. The fan will again reduce one speed for each 2 hour interval.

Fan-Minder (A)



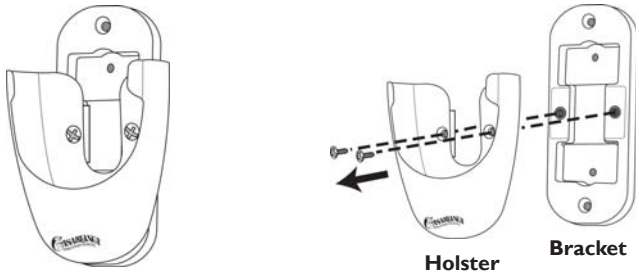
Fan-Minder (B)



ADVAN•TOUCH™ CONTROL INSTALLATION

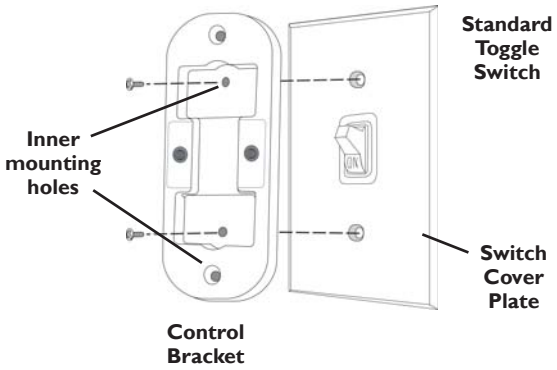
W-62 BRACKET / HOLSTER REMOVAL

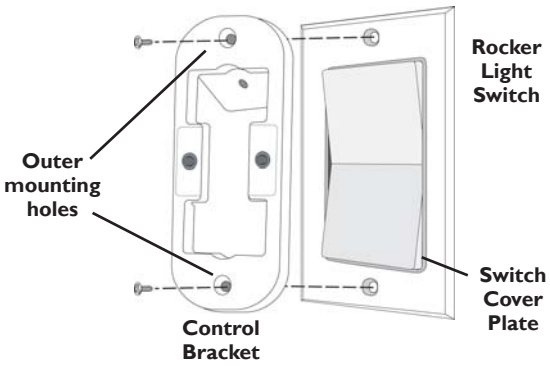
Step 1. Remove the two 6-32 x 5/16" screws holding the bracket to the holster. Save screws for later.



CONTROL BRACKET INSTALLATION

SAFETY FIRST: To reduce the risk of electrical shock, this fan must be installed with an isolating wall control/switch. CAUTION! Do not use with wall dimmer.





Standard Light Switch

Step A. Remove the two screws holding the switch cover plate. Do not remove the cover plate.

Step B. Orient the control bracket as shown and line up the two inner mounting holes with those on the switch.

Step C. Insert and tighten the screws using the provided screwdriver.

Rocker Light Switch

Step A. Break off the two tabs by pushing outward.

Step B. Remove the two screws holding the switch cover plate. Do not remove the cover plate.

Step C. Orient the control bracket as shown and line up the two inner mounting holes with those on the switch.

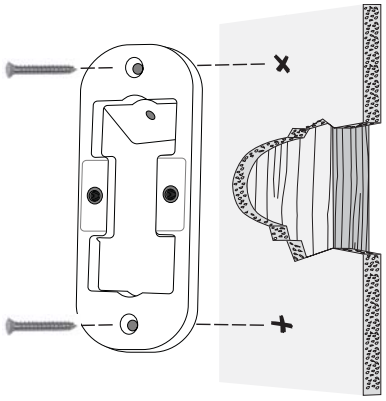
Step D. Insert and tighten the screws using the provided screwdriver.

Wall Installation

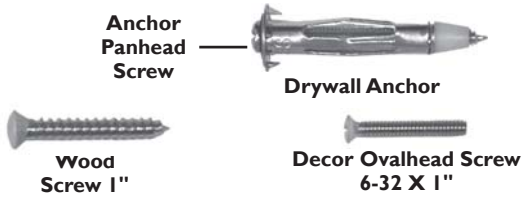
Step A. Locate a 2x4 wall stud in a convenient location.

Step B. Orient the control bracket as shown over the 2x4 stud.

Step C. Insert the 1" wood screws in either the inner or outer mounting holes and tighten using the provided screwdriver.



NOTE: The wall anchors and 6-32 x 1" screws may be used in situations where mounting to a stud is not possible. Use the inner mounting holes. After securing the anchor, discard the anchor's pointed screws and use the 6-32 decor ovalhead screws supplied.



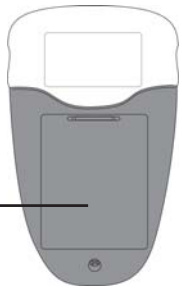
ATTACH HOLSTER TO BRACKET

Step 2

After you have completed installing the bracket to the wall, using the 2 screws removed in Step 1, attach the W-62 -holster to the bracket.

BATTERY INSTALLATION

Open Battery Door by pressing down on the insert tab provided.



Install 4 "AAA" alkaline batteries in the space provided. Please observe proper polarity placement. Replace Battery Door.

IMPORTANT OPERATING NOTES

Power turned off, interrupted or failure:

The remote control is battery operated, therefore if the power is turned off, interrupted or you experience a power failure, the remote control remembers the previous setting for both fan and light.

Button operation:
Rapid button operation causes erratic fan operation.

For reliable operation of the remote control and fan you must wait one second between button presses to allow the radio signal to be transmitted to the fan and received.

OPERATION

Fan Operation

The Advan•Touch fan is controlled by the remote control. The fan button located in the center top row turns the fan on or off.

With the fan on, the control display will show an up or down moving arrow that indicates direction and places a box around the operating speed. It will also show you a moving fan image that tells you the fan is on and what direction the blades are moving in (looking up from underneath the fan).

Just below the fan button, there are two ▲ and ▼ buttons. Use the ▲ button (on the left) to increase fan speed once for each press and the ▼ button (on the right) to decrease speed once for each press.

Use the reverse button to change the direction of the rotation. Reverse operates at any speed. The fan returns to its set speed after reversing.

You will see the airflow direction arrow change each time to press reverse.

Light Operation

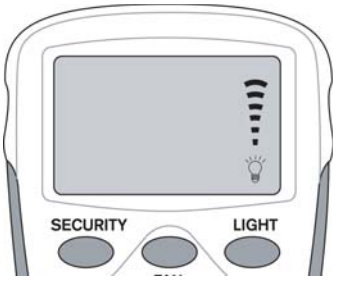
The light is turned on or off independently of the fan by pressing the LIGHT button. Keep pressing the button (hold it down) and it becomes a dimmer. The light varies from "bright" to "dim" over approximately 8 seconds. This sequence will reverse the light when it reaches the brightest or dimmest level if you continue to hold the LIGHT button. Release the button when the desired level is reached.

Safe Exit Feature

To turn off the light, press the button once and the light will increase slightly if less than 100% and gradually turn off, taking approximately 20 seconds. (If set at 100%, light will decrease to about 50% and then gradually turn off.) This enables you to leave a room or your home safely before the lights go completely out.

Press the light button two times and the light will immediately dim to about half and then turn off completely.

The fan will remember the last light setting and will come on at that setting until charged.



Bulb Saver Feature

When the light is turned on, the brightness will take 1.5 seconds until it reaches the present level. This feature helps extend light bulb life.

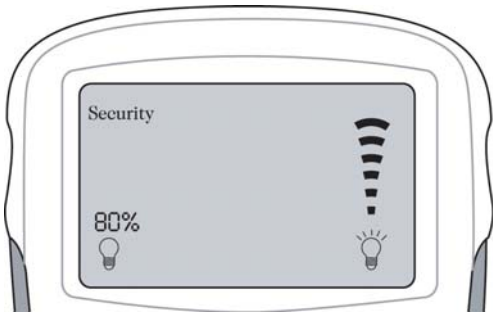
SECURITY FEATURE

Pressing the 'SECURITY' button will start the Security lighting program. The controller beeps and indicates 'SECURITY'. The light will automatically turn ON and OFF in a seemingly random manner over an eight and a quarter hour programmed cycle that is designed to give the home a "lived-in" look.

Regardless of the light setting when switching to the Security mode (lights on or off, dim or bright), the lights will increase to high brightness and then begin the Security cycle. This cycle is then repeated continuously until cancelled by pressing the 'SECURITY' button.

At any time during the Security mode you may adjust the fan speed, reverse the direction, operate in Auto Speed or Winter, use Saver or run the Test mode without affecting Security mode.

You may still turn the light ON and OFF (or OFF and ON) manually for temporary lighting, but the light will continue to operate automatically at its programmed times.



SECURITY MODE CYCLE

1. On for 60 minutes (80% bright)
2. Off for 30 minutes
3. On for 120 minutes (30% bright)
4. Off for 60 minutes
5. On for 90 minutes (50% bright)
6. Off for 60 minutes

CHANGING FREQUENCY SETTING

Note: All fans leave the factory set to "10000"

You will have to change the dip switch settings in the remote if you are using more than one fan in the same area and want to control them separately.

Step 1. At the circuit breaker or fusebox, turn the power off for the fan you want to change.

Step 2. Open the battery door of the Advan•Touch control and remove the first battery on the left to gain access to the dip switches.

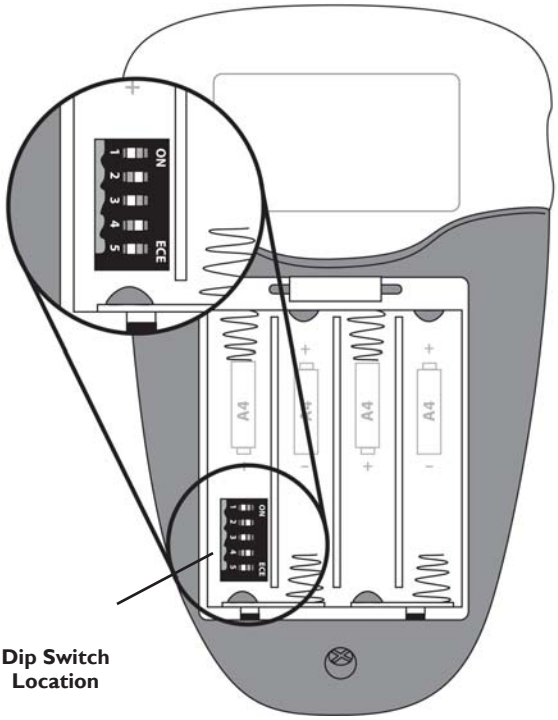
Step 3. Change the dip switch settings, assuring that they are different from the previously installed Advan•Touch fan(s).

Step 4. Re-install the battery in the proper polarity and the battery door on the control.

Step 5. At the circuit breaker or fuse box, turn the power back on for the fan whose frequency you are changing.

Step 6. Within 20 seconds of restoring power, push the up and down buttons at the same time. Hold for a few seconds. You will see the LCD Screen flash all of the graphics. You will now have control of the fan.

Note: You may want to label your controls to ensure you do not mix them up.



Dip Switch Location

IF THE FAN DOES NOT WORK

If the fan is not functioning after installation:

Step 1. Check to make sure the batteries are installed properly in the control.

Step 2. Turn the power off to the fan (from the circuit breaker) for at least 5 seconds.

Step 3. Turn the power back on (at the circuit breaker) and push the up and down buttons at the same time, within 20 seconds from restoring power.

Step 4. The fan should now function properly.

TROUBLESHOOTING TIPS

Please refer to this troubleshooting guide before requesting service or contacting your dealer for assistance.

PROBLEM	POSSIBLE REMEDIES
Fan will not start	• Check the main circuit fuses, circuit breakers, and wall switch position. Check all wire connections. Make sure the power is turned off during this inspection. • The battery is weak. Install a fresh battery. • The fan receiver is defective. Replace the fan receiver. • Check the frequency setting: Turn the power off at the circuit breaker for the fan that is not functioning only. Check that the jumper switches match in both the receiver and the transmitter.
Fan wobbles or shakes excessively	• Be sure the canopy pin is set properly into the slot on the ball. • Check that the bladeholders have not been bent during installation and the blades are balanced. • The hanger bracket and/or the ceiling outlet are attached too loosely. Make sure the hanger bracket is attached tightly to the ceiling outlet box and the downrod assembly is secured firmly. • The downrod is attached to the downrod base too loosely. Make sure all the screws are securely tightened.
Fan is noisy during operation	• Check and tighten the light fixture retaining screws, glass shade screws, and/or lightbulb(s). • Tighten the canopy screws and mounting plate assembly. Make sure the wire nuts inside the canopy and switch housing are not touching the metal parts and that they have not fallen off the wire splices. Tighten as necessary. • Tighten the blade holders to the flywheel (or direct drive motor) and the blades to the bladeholder screws. • Make sure all the screws in the motor housing are snug but not overly tight.
Fan does not run on low speed	• If fan is new, it may need to be "broken in." Run at high speed for several days.
Battery life is short	• Replace with alkaline batteries.

INTELI•TOUCH™

Lights flash or blink, fan may rotate or make audible tones during operation of W-23 wall controls.	• Normal Operation.
When AC power is turned on for the first time, the lights operate normally, but W-32 wall control operation is reversed. Fan button operates lights, Light button operates the fan.	• Reverse the 2 black and white striped wire connections.
Fan or lights appear to operate by themselves (changing speed or intensity), Light button operates the fan. Wall control operation is intermittent.	• Check AC supply for irregularities, (noise spikes, fluctuations, or failure); or circuit board assembly.

ADVAN•TOUCH™

Fan OK, no light	• Check for burned out light bulb. Check fan light wires.
Light OK, no fan	• Check connectors, may not be making good contact.
Remote control of fan is erratic	• Check batteries installed correctly. Install fresh ALKALINE batteries.
Fan starts working by itself	• Frequency interference; Change dip switch code.

This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
1. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
2. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna, Increase the separation between the equipment and receiver, Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help. Note: Any changes or modifications to the transmitter or receiver not expressly approved by Casablanca Fan Company may void one's authority to operate this remote control.

CARE RECOMMENDATIONS

Fan Finishes

- For cleaning, a soft brush or lint-free cloth should be used to prevent scratching the finish.
- A vacuum cleaner brush nozzle can remove heavier dust.
- Surface smudges or an accumulation of dirt and dust can be removed easily using a mild detergent and slightly dampened soft cloth. An antistatic agent may be used, but ***never use abrasive cleaning agents*** as these will damage the finish.

Blades

- Wood-finish blades should be cleaned with a furniture polishing cloth. Occasionally, a light coat of furniture polish may be applied for added protection and beauty.
- For painted and high-gloss blades, surface smudges or an accumulation of dirt and dust can be removed easily using a mild detergent and slightly dampened soft cloth. An antistatic agent may be used, but ***never use abrasive cleaning agents*** as these will damage the finish.

No Need for Lubrication

- ***Never lubricate this fan!*** The precision motor at the heart of your Casablanca fan features sealed bearings that are lubricated for life.
- Do not attempt to oil the motor.

Changing Lightbulbs

- Be sure to turn the power to OFF at the wall switch or circuit breaker before changing lightbulbs.
- Replace bulbs with the same type as you removed from the light fixture.
- The maximum wattage rating for this fan's light kit is 360 watts for the downlight.

For questions or to locate the nearest Casablanca Authorized Service Center call toll free: 1-888-227-2178 or visit us on the web at: www.casablancafanco.com

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.

2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: Any changes or modifications to the transmitter or receiver not expressly approved by Casablanca Fan Company may void one's authority to operate this remote control.

AUTHORIZED SERVICE CENTERS

STATE/CITY	ZIP	SERVICE CENTER NAME	PHONE	TYPE
ALABAMA				
MOBILE	36618	AZALEA CITY SERVICE CENTER	251-341-0663	
TUSCALOOSA	35405	LTG. & APPL./LIGHTING PLUS	205-345-8900	
HUNTSVILLE	35816	SOUTHERN HOME & HEARTH INC.	256-534-1715	
ALASKA				
ANCHORAGE	99518	PRIMARY ELECTRIC INC.	907-563-7988	
ARIZONA				
TUCSON	85735	DESERT BREEZE FAN & ELEC.	520-623-4646	
PHOENIX	85019	FAN-TASTIC ELECTRIC	602-866-1090	
GREEN VALLEY	85614	GOBLE ELECTRIC	520-625-4938	
SEDONA	86336	OAK CREEK AUDIO	928-282-5625	
PRESCOTT	86305	MARC PARENT/ELECTRICAL ETC.	928-778-5935	
LAKE HAVASU CITY	86403	SOUND BANK ELECTRONICS	928-855-1129	ISO
SCOTTSDALE	85254	VANDERVOORT ELECTRIC INC.	602-996-9637	
GLENDALE	85308	BEA'S LAMPS & FANS	602-978-0004	ISO
PHOENIX	85032	THE BRASSWINDS SHOPPE	602-482-1881	
YUMA	85364	CURLEY'S LITEHOUSE	520-782-4353	
MESA	85210	LOUD INC. DBA FANS PLUS	480-827-9302	
MESA	85204	GALLERY OF FANS	480-962-0477	
TUCSON	85716	ILLUMINATIONS ON BROADWAY LLC	520-325-3031	OWTS
YOUNGTOWN	85363	QUALITY HOME FAN DOCTOR	602-274-6649	
TUCSON	85711	SUN LIGHTING CO.	520-322-4303	OWTS
ARKANSAS				
LITTLE ROCK	72212	THE RANDY HALL CO. INC.	501-227-9915	
CALIFORNIA				
SANTA ROSA	95404	ASEF'S APPLIANCE SERVICE	707-575-3737	
GRASS VALLEY	95945	ACCENT LIGHTING	530-477-5483	ISO
JAMESTOWN	95327	DASILVA'S LAMP & CEILING	209-984-4035	
SANTA MARIA	93455	EVER-READY ELECTRIC	805-934-7091	
AUBURN	95603	THE FAN DOCTOR	530-823-8768	
SAN DIEGO	92115	JOHN SHEPARD'S ELECT. SERV.	619-460-4132	
FRESNO	93704	LARRY MC COLLUM	559-438-5764	
NEWHALL/SANTA CLARITA	91321	DAN MARTIN	805-252-5769	
ATASCADERO	93422	MC NAMARA ELECTRIC INC.	805-466-1854	ISO/OWTS,
CLOVIS	93612	OMEGA SERVICE INC.	559-299-0495	ISO
SIMI VALLEY	93065	PURCOM SYSTEMS	805-583-8171	
CORONA	92881	JERRY F. PRYOR	909-279-7775	ISO
BAKERSFIELD	93309	RB ELECTRIC & LTG.	805-831-2438	15-MILE RADIUS
SAN MARCOS	92069	RD ELECTRICAL CONTR.	760-727-1215	
STOCKTON	95205	RISSO ELECTRIC INC.	209-466-0781	
MOORPARK	93021	R.J. SIEG ELECT. CO.	800-799-0808	
SHINGLE SPRINGS	95682	JOHN ROZOWSKI CONST.	530-677-3850	
CATHEDRAL CITY	92234	R & R SERVICE	760-324-2942	
PLEASANTON	94588	S & L LIGHTING SERVICES	925-895-3762	
RIVERSIDE	92505	VERNE SMITH	951-687-9552	
TEMECULA	92592	TAB ELECTRIC	951-303-0850	
SO. LAKE TAHOE	96150	TAHOE POOL SERVICE	530-541-4958	
CANYON LAKE	92587	VILLAGE LIGHTS	951-244-2910	ISO
VALENCIA	91354	FANTASTIC FAN SERVICE	800-800-3871	
SAN JOSE	95123	SAL ZAMORA'S FAN REPAIR	510-742-5560	
SACRAMENTO	95819	A & A LIGHT FIXTURES	916-452-7641	ISO
TULARE	93274	ANCHOR LIGHTING	209-688-0696	OWTS
FRESNO	93710	ENERGY HOUSE	559-432-1500	ISO
SAN MARCOS	92069	FAN DIEGO #1	760-743-3267	ISO
SAN DIEGO	92111	FANDIEGO	619-292-9244	ISO
RANCHO MIRAGE	92270	FANDIEGO INC.	760-779-9916	ISO
MURRIETA	92562	FANDIEGO #4	951-600-7867	ISO/OWTS
BAKERSFIELD	93306	HILLCREST LTG-GALPIN INT	805-324-9966	
SAN FRANCISCO	94109	HOUSE OF FANS INC.	415-885-1947	ISO
TARZANA	91356	HYE LIGHTING CO.	818-345-5544	ISO/OWTS
CHICO	95928	J&J LIGHTING INC.	530-342-1815	ISO
FRESNO	93711	JAMES & CO LTG.	209-486-7900	ISO/OWTS
MANTECA	95336	MANTECA LIGHTING	209-823-1999	ISO
MISSION VIEJO	92691	MOORE'S MISSION	714-859-7090	HOME/ISO/OWTS
REDDING	96002	NORTH VALLEY LIGHTING	530-221-6277	ISO/OWTS
CERRITOS	90703	COMFORTS OF HOME	562-865-6666	
MODESTO	95350	PHILLIPS ELECTRIC CO.	209-524-6287	OWTS
SAN RAFAEL	94901	RAFFLES	415-456-6660	ISO
SANTA CRUZ	95062	RIVERSIDE LIGHTING	831-423-7411	ISO
HUNTINGTON BEACH	92647	THE TRADING POST	714-848-4353	OWTS
SAUGUS	91350	VALLEY BREEZE FAN CO	800-339-3267	
COLORADO				
LONGMONT	80504	L A ENTERPRISES	800-299-0222	
DENVER	80229	M.D ELECTRIC	303-288-7988	
LOVELAND	80538	FIRESIDE LIGHTING INC.	970-669-3540	OWTS
COLORADO SPRINGS	80903	HOME LIGHTING INC.	719-471-3520	OWTS
FORT COLLINS	80525	THE LIGHT CENTER	970-226-3430	OWTS
LONGMONT	80501	LUMENAREA.COM INC.	303-485-8600	OWTS
CONNECTICUT				
NEW HARTFORD	06057	B.W. MORSE & SONS.INC.	860-379-9855	10 -MILE RADIUS
BRIDGEPORT	06605	FEDERAL ELECTRIC CONST.CO.	203-334-6455	
CLINTON	06413	GRAHAM CO.	800-942-5575	
EAST HARTFORD	06118	GRAHAM CO.	800-942-5575	
WOODSTOCK	06281	RANDY MATTEAU	860-963-8979	
WILLINGTON	06279	GEORGE OPALENIK	860-684-4558	
HARTFORD	06114	CONNECTICUT LTG. CTR. INC.	860-249-7631	ISO
GREENWICH	06830	FASHION LIGHT CENTER	203-869-3098	ISO, OWTS
NEW HAVEN	06534	NEW GRAND LIGHT	203-777-5781	ISO
DELAWARE				
DOVER	19901	BRUCE DRAJEM/ THE FAN MAN	302-734-7737	
NEW CASTLE	19720	ERIC SHURR	302-998-5147	
FLORIDA				
WINTER HAVEN	33880	ALL ABOUT FANS & LIGHTING	863-299-9593	
GAINSVILLE	32608	AUTHORIZED APPLIANCE SERV.	352-375-3886	ISO
JACKSONVILLE	32217	AUTHORIZED APPLIANCE SERV.	904-737-5312	ISO
SOUTH DAYTONA	32119	BOB'S FIX-IT	386-761-4055	
BOYNTON BEACH	33437	C M S	561-736-0170	W PALM BEACH
WINTER HAVEN	33884	CYPRESS LIGHTING SHOWROOM	800-975-2677	
NE PALM BAY	32905	FAN DOCTOR/ M. FERRUZZO	321-728-5638	
NAPLES	34110	GOODWIN ELECTRIC	239-649-8880	
SPRINGHILL	34606	FAN DOCTOR/KEN R. CHURCHES	352-683-4428	
DAVIE	33330	LASERLAND INC.	854-558-3743	
NOKOMIS	34275	GRAHAM ELECTRICAL CONTR.	941-486-8190	
CORAL GABLES	33134	MICHAEL HANSEN	305-444-4111	
MAITLAND	32751	HENRY ELECTRIC CO.	407-834-4032	IN SHOP ONLY
DEERFIELD BEACH	33442	JARMO ELECTRIC INC.	954-360-9024	
TARPON SPRINGS	34689	PETER LONTAKOS ELECTRICAL	727-938-8895\	
CLEARWATER	33765	STEPHEN J. MERCER/ELECTRICAL	727-712-3090	
PUNTA GORDA	33982	SELECT SERVICE & REPAIR	941-637-7850	
ORLANDO	32807	MID-FLORIDA FAN	407-893-6226	
TALLAHASSEE	32303	JIM LACZKO/TODAY'S KIDS	850-562-4661	
PORT CHARLOTTE	33952	JACKSONS LIGHTING INC.	941-625-0044	OWTS
BRANDON	33511	LUMENAIR LTG. & FANS	813-653-3460	ISO
NAPLES	34109	WILSON LIGHTING OF NAPLES	941-592-6006	OWTS/ISO ANY
GEORGIA				
COLUMBUS	31904	GRADY GLASS DBA DAN'S FAN CITY	706-571-3242	ISO
GRAYSON	30017	RG TENNEY ELECTRIC	770-378-9255	
WOODSTOCK	30188	BRUCE A. RUGG, GC	404-925-1133	
HAWAII				
KAILUA KONA	96740	KU'S ELECTRONIC SVC.	808-329-4346	
HILO	96720	BAY LIGHTING & DESIGN	808-961-5688	
AIEA	96701	THE FAN SHOP, INC.	808-488-1221	OWTS
KAILUA KONA	96740	KONA COAST HOUSE OF LTS. INC.	808-329-0748	
KAHULUI	96732	READ LIGHTING	808-871-8995	
IDAHO				
MERIDIAN	83642	S-K ELECTRIC, INC.	208-941-6264	
IDAHO FALLS	83402	HOME LIGHTING	208-523-2300	
ILLINOIS				
CENTRALIA	62801	BAKER APPLIANCE REPAIR	618-532-8437	
RICHMOND	60071	CARAVELLE LIGHTING INC.	815-678-4558	ISO
CHICAGO	60630	D & S FAN SPECIALTIES INC.	847-824-2430	
PRINCETON	61356	ELMORE ELECTRIC INC.	815-643-2354	
CHAMPAIGN	61821	TERRY GOBBLE	217-384-5891	IN SHOP ONLY
BELLEVILLE	62223	JOHN HASSENSTAB	618-398-4640	
SPRINGFIELD	62704	HOME WORKS INC.	217-753-3305	NO IN SHOP
NORMAL	61761	KIRK SMALL APPLIANCE	309-452-5248	ISO
SPRINGFIELD	62707	SHAWN SCHALK	217-585-0670	ISO
CORNLAND	62519	DELMAR VEECH	217-364-4121	
QUINCY	62301	HEINTZ LIGHTING CENTER	217-223-0101	
TRENTON	62293	LITE BRITE DIST	618-224-7314	
CHAMPAIGN	61821	SPRINGFIELD ELEC SPLY #3	217-351-7600	ISO
YORKVILLE	60560	UNIFIED SUPPLY INC.	630-553-0660	
INDIANA				
EVANSVILLE	47711	MICHAEL BAXTER	812-453-6498	
FORT WAYNE	46805	CARL J. SMITH	260-484-7295	
GREENFIELD	46140	D & D REPAIR	317-467-0600	
VALPARAISO	46383	D & K ELECTRIC	219-464-7576	
INDIANAPOLIS	46222	INDIANA LTG. CTR.INC.	317-293-9333	ISO
IOWA				
CEDAR RAPIDS	52404	ACME ELECTRIC COMPANY	319-365-8677	
SIOUX CITY	51106	DIVERSIFIED ELECTRONICS	712-276-1034	

TYPES OF SERVICE OFFERED:

ISO = IN-SHOP ONLY OWTS = PRODUCT SOLD BY DEALER ISO/OWTS = BOTH

CASABLANCA FAN COMPANY

STATE/CITY	ZIP	SERVICE CENTER NAME	PHONE	TYPE
IOWA (CONTINUED)				
SIOUX CENTER	51250	HILLS HOME SYSTEMS	712-722-2539	
DES MOINES	50311	ADVANCED LIGHTING	515-255-5009	OWTS
MONTICELLO	52310	REM ELECTRIC INC.	319-465-3346	
CARROLL	51401	J & L ELECTRIC INC.	712-792-2444	ISO
CORALVILLE	52241	RALSTON CREEK	319-351-2189	OWTSH/ISOA
DAVENPORT	52803	SHAW ELECTRIC INC.	563-323-3611	
KANSAS				
WICHITA	67211	ACTION APPLIANCE SERVICE INC.	316-263-0652	ISO
EMPORIA	66801	C.A.P.	316-342-0448	
OVERLAND PARK	66213	KAL ELECTRIC INC.	913-897-6767	
OVERLAND PARK	66210	RANDY RUSSELL	913-338-5330	
WICHITA	67226	ACCENT LTG INC.	316-636-1278	
MANHATTAN	66502	ENDACOTT LIGHTING	785-776-4472	
TOPEKA	66611	K & S LIGHTING	785-267-0422	
LENEXA	66215	RENSEN HOUSE OF LIGHTS	913-888-0888	ISO
SALINA	67401	SALINA APPL. SHOWROOM	785-827-1420	
OVERLAND PARK	66223	WESTERN CHANDELIER CO.	913-685-2000	
OVERLAND PARK	66212	WILSON FANS & LIGHTING	913-642-1500	
KENTUCKY				
LEXINGTON	40510	CHARLET ELECT./RON CHARLET	606-231-7344	
LOUISIANA				
LAFAYETTE	70501	ACADIA SERVICE CO.	318-233-8910	
HOUMA	70363	GULF SOUTH ARMATURE	985-872-0486	
BATON ROUGE	70815	HOME APPLIANCE SERVICE	504-272-7725	ISO
MONROE	71201	ALBERT SURLCO	318-699-0619	ISO
NEW IBERIA	70560	WALET'S INC.	318-364-7486	ISO
LAKE CHARLES	70601	JOSEPH'S ELECTRICAL CTR INC.	318-436-4930	
METAIRIE	70006	ROMAINE'S	504-887-7077	
MAINE				
SOUTH PORTLAND	04106	T.A. NAPOLITANO	207-799-0538	NO CLIPS
MARYLAND				
FREDERICK	21704	GL FAN SERVICE	301-831-4925	
WHITE HALL	21161	BT ELECTRIC/BILL TYRRELL	410-329-6353	
FORESTVILLE	20747	BURGESS LIGHTING	301-568-8000	ISO,OWTS
MASSACHUSETTS				
S. ATTLEBORO	02703	AJ ELECTRIC	508-761-5021	20 MI. RAD.
BRIDGEWATER	02324	BILTCLIFFE ELECTRIC	508-697-7630	ISO
MAYNARD	01754	HOUSE DOCTOR	978-897-9085	
W SPRINGFIELD	01089	JALBERT ELECTRIC	413-734-4976	
NATICK	01760	J.G. ELECTRIC CO INC.	508-653-3042	ISO
DANVERS	01923	PLAZA LIGHTING	978-774-7801	ISO
DENNIS	02638	RICK SEXTON	508-385-7536	
WORCESTER	01603	EDWARD A. TORTORA	508-755-3735	
NEW BEDFORD	02740	VANDER ELECTRIC & EQUIP. CO.	508-993-6383	ISO
ORLEANS	02653	ASSOCIATED ELECTRICAL SERV.	508255-4589	
MICHIGAN				
BELLEVILLE	48111	MIKE AYERST	734-699-9698	
LANSING	48906	INTEGRITY ELECTRIC	517-484-0300	
LANSING	48917	LARGENT ENTERPRISES INC.	517-627-4229	
TRAVERSE CITY	49686	CREATIVE LTG. & RESTORATION	231-938-1332	ISO
HOWELL	48855	LIGHTNING ELECTRIC INC. CO	810-227-3375	
BIRMINGHAM	48009	21ST CENTURY ELECTRIC	248-645-6464	
GRAND RAPIDS	49512	GRAND RAPIDS LTG. CTR. INC.	616-949-4931	OWTS,ISO
KALAMAZOO	49002	HODGSON ENTERPRISES	269-343-4428	OWTS
MINNESOTA				
ROCHESTER	55906	KROUPA'S ELECTRONICS	507-281-4064	
MINNEAPOLIS	55422	LEO'S ELECTRIC SALES & SERVICE	612-546-5625	
MAPLEWOOD	55109	NORTH COUNTRY ELECTRIC	651-748-4027	
MINNEAPOLIS	55411	PENN ELEC. MOTOR SERV.	612-588-5333	
PLYMOUTH	55441	FAN MAN #101 (FLOWC #21)	612-559-0761	ISO
BURNSVILLE	55337	FAN MAN #102 (FLOWC #22)	612-898-2754	ISO
EDEN PRAIRIE	55344	FAN MAN #106 (FLOWC#26)	612-941-9243	ISO
ST. PAUL	55108	FAN MAN #107 (FLOWC #27)	651-649-0686	ISO
BAXTER	56425	THE LIGHT DEPOT	218-829-0770	ISO
MISSISSIPPI				
MADISON	39110	JACKSON SERVICE CTR.	601-856-9469	
OCEAN SPRINGS	39564	KELLY'S APPLIANCE	228-872-7181	ISO
MISSOURI				
SPRINGFIELD	65802	COMPLETE MAINTENANCE	417-866-2700	SECONDARY
ST LOUIS	63123	LEINWEBER SERVICE CO.	314-892-8177	
SPRINGFIELD	65804	LOYD'S ELECT/LIGHTHOUSE GALL.	417-889-1088	
BRANSON	65616	LOYD'S ELECTRIC SUPPLY INC.	417-334-2171	
MONTANA				
KALISPELL	59901	LASALLE LIGHTING	406-752-2424	
HELENA	59601	SUPREME LIGHTING	406-442-8200	
MISSOULA	59801	WESTERN MONTANA LTG SPY	406-543-7166	ISO

STATE/CITY	ZIP	SERVICE CENTER NAME	PHONE	TYPE
NEBRASKA				
OMAHA	68104	D & L ELECTRONICS	402-571-5233	
GRAND ISLAND	68803	QUALITY SEW & VAC.	308-382-7310	ISO
OMAHA	68144	OAK HILLS ELECTRIC INC.	402-691-4567	
NORFOLK	68701	THE POWER STATION/FROHBERG ELEC.	402-371-6671	
LINCOLN	68510	LINCOLN LIGHTING CTR.	402-476-1297	
NEVADA				
SPARKS	89431	EAGLE ELECTRIC, INC.	775-356-7300	
LAS VEGAS	89103	KS&S ELECTRIC, LLC	702-222-9306	
LAS VEGAS	89119	FANCO	702-898-8522	
NEW HAMPSHIRE				
NEW IPSWICH	03071	HOUSE DOCTOR	603-731-5036	
EXETER	03833	EDWARD HEINE	603-772-2359	
NASHUA	03060	AFFORDABLE FANS ETC.	603-759-8332	
NEW JERSEY				
BELLMAWR	08031	JOSEPH ASHLEY	609-694-3785	
WASHINGTON	07882	C.P. ORLANDO	908-689-4750	
TRENTON	08619	WIRING UNLTD./RICHARD DOBRON	609-584-1122	
THOROFARE	08086	HARRY R. HABICHT	856-845-2541	
MORRIS PLAINS	07950	MANNY HERRERA	973-993-1137	
LINWOOD	08221	JACK BRESLAU-HANDYMAN SVCS.	609-601-1797	20 MI. RAD.
RANDOLPH	07869	ANTHONY MAKOMASKI	908-475-5569	
W. LONG BRANCH	07764	CHRIS KIBBE/NO SHORTS ELECTRIC	732-222-4228	ISO
MULLICA HILL	08062	STEPHEN RICE	856-223-8645	
JACKSON	08527	ROBERT ROLZHAUSEN	732-363-3729	
CHESTER	07930	CHESTER LIGHTING, INC.	908-879-7200	OWTS
PARK RIDGE	07656	KRELL LIGHTING	201-391-7685	OWTS
NEW MEXICO				
ALBUQUERQUE	87123	FRANK'S ELECTRIC	505-293-6724	ISO
ROSWELL	88201	J & G ELECTRIC CO.	505-622-0146	
ALBUQUERQUE	87112	A-1 LAMP DOCTOR	505-296-5050	
ALBUQUERQUE	87109	B-ELECTRIC	505-828-0241	SANTA FE
NEW YORK				
COMMACK	11725	AIR-TEK DBA REPUBLIC LIGHTING	631-499-1854	ISO
BROOKLYN	11204	JERRY PICCOLINO/J&R SERVICE	718-259-1789	
ALBANY	12205	BERT ELECTRIC	518-869-7140	
E. MEADOW	11554	C.D. SERVICE	516-538-3481	
BUFFALO	14206	CRAFTMASTERS SERVICENTER	716-893-9557	20-MI. RAD.
QUEENSBURY	12804	DEAN ELECTRIC	518-792-4781	
HASTINGS	13076	ELECTRICAL WORK BY MARTY	315-668-0220	
BUFFALO	14226	THE FAN COLLECTION, INC.	716-839-2447	ISO
PLAINVIEW	11803	JOSEPH GOTTDANK	516-932-7618	
NEWBURGH	12550	J D PARRELLA ELECT.	845-562-4112	
STATEN ISLAND	10312	JOE VALLETUTTI JR..	718-608-9008	
YONKERS	10704	JAY D. KOSACK	914-237-9051	
POUGHKEEPSIE	12601	MANNINO ELECTRIC INC.	914-452-3520	IN SHOP
ROCHESTER	14620	BARRY MALADY DBA CAM ELECTRIC	585-271-8560	
LONG BEACH	11561	NICK'S IMPROVEMENT COMPANY	516-659-8989	
SHOKAN	12481	OLIVE FANS & LTG.	845-657-5823	
LYNBROOK	11563	SHADERITE-PZ REPAIR	516-593-8973	
STATEN ISLAND	10301	FRANK RAGUCCI/F&R SERVICE CNTR.	718-273-5518	
REGO PARK	11374	MARK RALIN	718-896-7844	QUEENS
AMHERST	14228	SHANOR LTG. CTR.	716-691-3622	ISO
SCHENECTADY	12303	FRANK SALVATORE	518-355-5789	
TROY	12180	TROY LIGHT COMPANY	518-274-6931	ISO
COMMACK	11725	TURNPIKE APPLIANCE	631-499-3355	20-MI. RAD.
STATEN ISLAND	10304	V & P SERVICE CO/VITO PICCOLINO	718-447-7945	
PEARL RIVER	10965	BOB VAZQUEZ	845-735-5861	
BEDFORD	10507	BEDFORD LIGHTING INC.	914-666-0680	ISO
CARLE PLACE	11514	LIGHTING CTR. BY CAMEO INC.	516-747-4748	ISO
BROOKLYN	11219	MAIN LAMP CORP.	718-436-2207	ISO
BROOKLYN	11223	MANHATTAN LIGHTS INC.	718-998-1111	
NANUET	10954	NOVA LIGHTING, INC.	914-623-5211	ISO
AMHERST	14226	ROYALITE INC.	716-832-1492	ISO
NEW YORK	10003	SUPERIOR LIGHT & FAN	212-677-9191	
NORTH CAROLINA				
SALISBURY	28146	HAUSS ELECTRICAL SERV.	704-637-7774	
CHARLOTTE	28205	EFIRD'S INTERIORS, INC.	704-376-5648	ISO
HICKORY	28602	EFIRD'S INTERIORS, INC.	704-322-2203	ISO
CHARLOTTE	28203	SIMPSONS LIGHTING /LT.FIXT	704-376-5463	OWTS
NORTH DAKOTA				
FARGO	58102	MIDSTATES ELECTRIC INC.	701-293-0441	
OHIO				
CANTON	44706	APPLIANCE PARTS CO.	330-453-8077	ISO
COLUMBUS	43235	CERTIFIED SYSTEMS	614-799-0778	
LOVELAND	45140	HANK GRINSHPAN	513-683-8666	
MAUMEE	43537	K.O.V ELECTRONIC REPAIR	419-865-8893	
DAYTON	45419	LARKIN ELECTRIC CO.	937-294-4115	
COLUMBUS	43231	THE LAMP LIGHTER	614-891-7940	

STATE/CITY	ZIP	SERVICE CENTER NAME	PHONE	TYPE
OHIO (CONTINUED)				
CLEVELAND	44109	WESTSIDE LTG. CTR.	216-459-1970	
N. OLMSTED	44070	CHANDELIER SHACK INC.	440-777-6969	ISO
NORTH LIMA	44452	DICKEY ELECTRIC	330-549-3976	
SOUTH EUCLID	44121	LAMPSHADER EAST/DBA LTG. EXPO	216-291-3030	OWTS/ISO
DAYTON	45459	OHIO LAMP & FIXTURE CO.	937-439-0822	ISO
OKLAHOMA				
OKLAHOMA CITY	73105	APPLIANCE SERVICE BY CK	405-525-8862	
OKLAHOMA CITY	73132	LARKIN E. STEVENSON	405-728-8810	
OKLAHOMA CITY	73127	JAMES LIGHTING INC.	405-947-6663	
OREGON				
PORTLAND	97225	SYLVAN ELECTRONICS INC.	800-473-1244	ISO
BEND	97701	DESIGN LIGHTING INC.	541-389-9997	ISO
PENNSYLVANIA				
HOPWOOD	15445	GEORGE R. SMALLEY CO. INC.	724-437-1927	
DREXEL HILL	19026	PATRICK HASTINGS	610-853-2709	
ALLENTOWN	18105	LIGHTING FIXTURE & SUPPLY CO	610-435-9691	
PITTSBURGH	15224	MARK DIULUS ELECTRIC CO.	412-681-2553	
PHILADELPHIA	19111	KLAUS OTTE	215-745-4266	
EASTON	18045	PRIMROSE ELECTRICAL	610-258-1359	
ALLENTOWN	18102	SCHOLL'S ELECTRIC	610-435-5876	
LANCASTER	17601	S. DEAN'S ELECTRIC	717-2854545	
WEST CHESTER	19382	TOBIAS ELECTRIC	610-942-4000	IN HOME ONLY
FAIRLESS HILLS	19030	ASTRO LTG. GALLERIES	215-943-0331	ISO
WEST READING	19611	A TO Z VACUUM STORES	610-374-4888	OWTS
HARRISBURG	17111	YALE ELECTRIC SUPPLY	717-233-8401	ISO
CONSHOHOCKEN	19428	KAY ELECTRIC SUPPLY	610-825-0100	ISO
WILLOW GROVE	19090	NORTH-WEST ELEC. SUPPLY CO.	215-659-5757	
STATE COLLEGE	16803	WHITEHILL LIGHTING & SPLY.	814-238-2449	
RHODE ISLAND				
PAWTUCKET	02861	WICKFORD APPLIANCE & LTG CTR.	401-726-4240	ISO
SOUTH CAROLINA				
HANAHAN	29406	BOBBY LUTES ELECTRICAL INC.	843-797-0948	ISO
SPARTANBURG	29306	BOBBY JACKSON ELECTR.	803-583-6035	
BLUFFTON	29910	J. HEAVENER & CO.	843-837-8300	
GOOSE CREEK	29445	DAVID MIMS	843-514-2380	
MYRTLE BEACH	29575	RAY ELECTRIC	843-293-0068	
COLUMBIA	29212	EASTWIND ENTERPRISES	803-781-3267	
SOUTH DAKOTA				
SIOUX FALLS	57105	LAMPS AND SHADES INC.	605-332-6680	
SIOUX FALLS	57104	MAHLANDER'S	605-336-7798	
TENNESSEE				
MT CARMEL	37645	APPALACHIAN ELEC. SVC.	423-357-0783	ISO
MEMPHIS	38111	APPLIANCE SERVICE CTR.	901-324-5898	ISO
LOUISVILLE	37777	BEN SNYDER	865-380-5491	
BRENTWOOD	37027	PAUL TAMPIEN/SUNSHINE ELECT.	615-371-9383	
TEXAS				
LEWISVILLE	75067	SOUTHERN COMFORTS	940-536-1406	
HOUSTON	77089	BENNETT FAN INSTALL., INC.	281-484-1401	
CORPUS CHRISTI	78404	BRAND APPLIANCE & MICROWAVE	512-854-1851	ISO
FREEPORT	77541	SKIP'S ELECTRIC AND AIR	979-233-3903	
AMARILLO	79106	DI'S LAMP & FAN REPAIR	806-331-5267	
DENTON	76201	FANTASIA CEILING FANS	940-484-4222	
ODESSA	79761	GOFORTH ELECTRIC	432-550-8927	
DENTON	76201	LARRY W. GOFF	940-387-7304	
DAMON	77430	GULF COAST FAN SERVICE	281-495-6434	
KERRVILLE	78029	MAURICE HAMMIT	210-367-4937	
PARIS	75460	HARGIS ELECTRIC	903-785-8055	
SAN ANTONIO	78212	CEILING FAN SERVICE CTR.	210-804-1362	

STATE/CITY	ZIP	SERVICE CENTER NAME	PHONE	TYPE
AUSTIN	78757	KLOCK ELECTRIC	512-837-4704	
GIDDINGS	78942	ORSAG'S INC.	409-542-3167	
LUBBOCK	79413	ORECK VACUUMS	806-792-2821	
ARLINGTON	76001	P&M QUALITY CONT.	817-478-2004	
TYLER	75707	CHARLES R. RAINS	903-566-3119	
XHEARE	77859	THOMPSON SUPPLY	409-280-5737	
CARROLLTON	75006	ADFANTAGE CEILING FAN	972-446-9393	
HUMBLE	77338	CAROLS LTG. & FAN SHOP	281-446-7613	ISO
AUSTIN	78703	TEXAS CEILING FANS/CEILING FAN SHOP	512-477-3132	ISO
HOUSTON	77069	CHAMPIONS LIGHTING	281-440-5339	ISO
RICHARDSON	75080	COOL BREEZES	972-690-4580	
HURST	76053	ARC FAN & LIGHTING	817-268-2218	ISO,OWTS
BEAUMONT	77702	FAN FACTORY	409-833-8207	ISO
DALLAS	75206	LIGHTS FANTASTIC	214-987-9655	
VICTORIA	77904	HALL ELECTRIC CO., INC.	512-578-6221	
SAN ANGELO	76904	HERITAGE HAUS	325-949-6541	
WICHITA FALLS	76308	LANTERN HOUSE INC.	940-692-7381	ISO
HOUSTON	77063	LIGHTING PLUS INC.	713-784-2440	ISO
HARLINGEN	78550	THE LIGHT HOUSE	956-423-6664	OWTS
MCALLEN	78504	THE LIGHT HOUSE	956-631-1155	OWTS
SEALY	77474	TEXAS CEILING FANS	979-885-6900	ISO
UTAH				
MURRAY	84107	CENTRAL ELECTRIC CO.	801-467-5479	
RIVERTON	84065	VERN O. FRANCIS	801-254-4178	
LAYTON	84040	HARUO YOSHIKAWA	801-546-6008	
VIRGINIA				
RICHMOND	23228	FANNING ELECTRICAL SERVICE	804-262-3681	
BURKE	22015	L&S ELECTRIC INC.	703-237-0011	
WILLIAMSBURG	23185	TAPROOT COMPANY	757-229-3722	ISO
VIRGINIA BEACH	23451	FANS,LIGHTING, 'N' MORE	757-422-3616	
WASHINGTON				
SPOKANE	99216	BRITE-WAY ELECTRIC	509-922-0275	
TACOMA	98404	M.G.M. ELECTRONICS	253-752-9826	
WENATCHEE	98801	SEW CREATIVE/ADVANTAGE STORE	509-663-5516	
PASCO	99301	ARHA TOTAL SERVICE	509-547-3799	
BELLINGHAM	98225	JOHN WIGGINS DBA TWIN SISTER'S ELEC.	360-676-1257	
YACOLT	98675	S&L ELECTIRC	503-657-0633	
YAKIMA	98902	INLAND LIGHTING	509-248-4647	ISO
WASHINGTON, DC				
WASHINGTON	20007	FAN FAIR	202-342-6290	ISO
WEST VIRGINIA				
SO. CHARLESTON	25309	PEPPER ELECTRIC	304-768-8195	
WHEELING	26003	TOP HAT STOVE SALES	304-233-6262	
WISCONSIN				
MILWAUKEE	53219	BOB'S FAN REPAIR	414-546-2501	
GREEN BAY	54313	KARL DEVROY	920-494-6090	
FONTANA	53125	J&L PROPERTY MAINT.	262-275-2345	
BROOKFIELD	53005	CITY LIGHTS & FANS	414-781-9048	ISO/OWTS
MADISON	53719	MADISON LIGHTING	608-271-6911	
LA CROSSE	54601	WETTSTEIN'S	608-784-5555	

CANADA				
TORONTO, ONT.,	M6M2P5	ZANEEN LIGHTING	416-247-922	

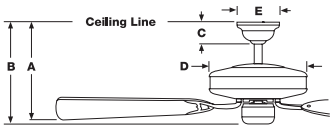
OVERSEAS				
ST. THOMAS	00805	DUANE LOBERG	809-775-2399	

PRODUCT SPECIFICATIONS

Collection: Casablanca Designer Series
Model Name: Barolo®
Model Number: C5S63X

Dimensions:
A = 11"
B = 13"
C = 3"
D = 13"
E = 5.6"

NOTE: Dimension B includes light fixture and glass.



Weight: 37 lbs.

Finishes: Tuscan Sunset
Motor: XLP2000
Blade Span: 52" & 42"
Blade Iron Pitch: 15°
No. of Blades: 5
Technology: Inteli•Touch, Advan•Touch